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## Complete if Known

Application Number	10/665,314
Filing Date	September 19, 2003
First Named Inventor	Cali, James
Group Art Unit	1626
Examiner Name	Chung, Susannah

Sheet 1 of 2

Attorney Docket No: 341.044US1

## US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20070155806A1	07/05/2007	Takakura, Hideo, et al.	07/27/2006

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	JP-08-059686	03/05/1996	Mitani, M, et al.	
	JP-2002-080476	03/20/1990	Toshimi, S., et al.	
	WO-0035900A1	06/26/2000	MAKINGS, L., et al.	
	WO-03066811A1	08/14/2003	O'Brian, M., et al.	
	WO-2004027378A2	04/01/2004	Cali, J J., et al.	
	WO-9960096A2	11/25/1999	Arnold, F., et al.	

## OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Application Serial No. 11/44,145(Atty. Ref. 341.038US1) Non-Final Office Action mailed 03-24-08". OARN,26 Pgs	
		"European Application No. 03749715.3 (Atty Ref 341.044EP1) Supplemental European Search Report mailed 6-14-2007", 5 pgs.	
		"European Application Serial No. 08151520.7 (Atty Ref 341.038EP2 ), European Search Report mailed 06-05-2008", EESR,16	
		DUKHOVICH, A., et al., "Time course of luciferyl adenylate synthesis in the firefly luciferase reaction", <u>FEBS Letters</u> , 395(2-3), (Oct. 21, 1996),188-190	
		GANDELMAN, O., et al., "Cytoplasmic factors that Affect the intensity and stability of Bioluminescence from firefly luciferase in living mammalian cells.", <u>Journal of Bioluminescence and Chemiluminescence</u> , 9(6), (1994),363-371	
		LEMBERT, N., "Firefly luciferase can use L-luciferin to produce light", <u>Biochemical Journal</u> , 317( Pt 1), (Jul. 1, 1996),273-277	
		MISKA, W., et al., "A new type of ultrasensitive bioluminogenic enzyme substrates, I. Enzyme substrates with D-Luciferin as leaving group", <u>Biological Chemistry Hoppe-Sevler</u> , 369(5), (May 5, 1998),407-411	
		MISKA, W., et al., "Evaluation of the Bioluminescence-enhanced zona binding assay", <u>Bioluminescence And Chemiluminescence: Molecular Reporting with Photons</u> , Proceedings of the International Symposium on Bioluminescence and Chemiluminescence, (Oct. 4-8, 1996),315-318	
		MISKA, W., et al., "Synthesis and characterization of luciferin derivatives for use in bioluminescence enhanced enzyme immunoassays", <u>Journal of Clinical Chemistry and Clinical Biochemistry</u> , Vol.25, (1987),23-30	
		NICOLAUS, B. J., "Symbiotic Approach to Drug Design", <u>Decision Making in Drug Research</u> , (Jan. 1, 1983),173-186	

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Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional) \* Applicant is to place a check mark here if English language Translation is attached

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		TOYA, et al., "Improved synthetic methods of firefly luciferin derivatives for use in bioluminescent analysis of hydrolytic enzymes; carboxylic esterase and alkaline phosphatase", <u>Bulletin of the Chemical Society of Japan</u> , Vol.65(10), (1992),2604-2610	
		WOOD, K. A., "Engineering Luciferase enzymes and substrates for novel assay capabilities", <u>Proceedings of SPIE - Microarrays and Combinatorial Techniques: Design, Fabrication, And Analysis II</u> , 5328 (June 2004),69-77	
		YANG, J. , et al., "An Easily Synthesized photolizable luciferase for in vivo luciferase activity measurement", <u>Biotechniques</u> , Vol.15(5), (1993),848-850	
		ZHOU, W. , et al., "New bioluminogenic substrates for monoamine oxidase assays", <u>Journal of the American Chemical Society</u> , 128 (10), (15 Mar 2006),3122-3123	

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